

CURRICULUM VITAE

Prof. Dr. E.S.M. SURESH

**Professor & Head,
Dept. of Civil and Environmental Engineering,
Centre for Academic Studies and Research**
National Institute of Technical Teachers Training & Research,
(Ministry of HRD, Govt. of India)
Taramani, Chennai 600 113, India
Tel: 044- 2254 5423 Fax: 044- 2254 1126
Mobile: 09444284464
Email: esmsuresh@gmail.com,



EDUCATIONAL QUALIFICATIONS: **B.E.**, Civil Engineering from University of Madras (**1984-1988**), **M.E** Soil Mechanics and Foundation Engineering from Anna University (**1990-1992**), **Ph. D** Civil Engineering with Specialization on GIS for Urban Environmental Management from Anna University **2001**.

SPECIALISED CERTIFICATE COURSES: Certificate in Technical Education from Technical University (Eindhoven), The Netherlands during May- July **1997**, Certificate in “Film Appreciation” from Film & Television Institute of India, Pune, India during May- June **2010**, Leadership for Academicians Program, IIT Kanpur & NTU Singapore Nov- Dec 2018.

TEACHING/RESEARCH: Around **32** years including **26** years at NITTTR

RESEARCH INTERESTS: **Engineering:** Civil Engineering – Remote Sensing & Geographical Information System (GIS), Urban Planning & Management, Disaster Management. **Engineering Education:** Instructional Design & Delivery Systems, Technology Enabled Learning, Strategic Planning & Institutional Evaluation, Outcome Based Education and Accreditation.

RESEARCH ACTIVITIES – Ph. D Guidance (11 Scholars) - Degree Awarded – 7, Ongoing - 5

PUBLICATIONS: Total - 110 (International Journals: 19, National Journals 19, Text Books and Chapters in Text Books/ Continuing, Education Modules 7, International Conferences 12, National Conferences 25, Handouts – Course Materials –Titles 28). **VIDEO PROGRAMMES PRODUCED/BRODCASTED: 92** (Program Coordination: 58, Subject Expert: 10, Documentary based Video Films & Short Films: 20 (Script & Direction), All India Radio/Television: 4)

TRAINING PROGRAMMES CONDUCTED: More than 350 for Polytechnic College faculty and More than 200 for Engineering College, 15 International Training Programs sponsored by ITEC/TCS/SCAAP **NO. OF PROJECT WORKS GUIDED FOR INTERNATIONAL PARTICIPANTS** – More than 100. **INTERNATIONAL/NATIONAL SEMINAR/WORKSHOPS CONDUCTED:** More than 12

MEMBERSHIP OF PROFESSIONAL BODIES: Fellow of Institution of Engineers (India) American Society of Engineering Education (Member), Canadian Engineering Education

Association(Member). Indian Geotechnical Society (Life Member), Indian Society of Remote Sensing (Life Member), Indian Society for Technical Education (Life Member).

SPONSORED RESEARCH/CONSULTANCY PROJECTS: Developing Multimedia Learning Package on 'Construction of Household Latrines', Sponsored by Rajiv Gandhi National Drinking Water Mission, Govt. of India (Member), **Solid Waste Management Using Geographical Information System for Chennai City' (Phase I)**, Sponsored by Ministry of Human Resource Development, Govt. of India (Member), **Solid Waste Management Using Geographical Information System for Chennai City' (Phase II)**, Sponsored by Ministry of Human Resource Development, Govt. of India (Coordinator), **'Preparation of Hydro-Geological Thematic Maps of all districts of Tamilnadu'**, Sponsored by Central Ground Water Board, Govt. of India(Member), **Preparation of Police Thematic Maps For all districts of Tamilnadu** sponsored by Govt. of Tamilnadu (Through NIIT-GIS Ltd., Chennai)(Member), **Developing Video Film on 'Fabrication Welding'** Sponsored by National Instructional Media Institute, Govt. of India, Chennai, (Coordinator) **Rain Water Harvesting for NITTTR Chennai Campus**, Sponsored by Central Ground Water Board, Govt. of India, Chennai (Member), **Developing Video Film on 'Computer Networks'**, Sponsored by National Instructional Media Institute, Govt. of India, Chennai (Member), **Developing "Slum Free City Planning using GIS for Trichirapalli"**, Sponsored by Rajiv Awaz Yogana, Ministry of Urban Development, Govt. of India (Member).

HONORARY MEMBER & RECOGNITION FROM OTHER ORGANIZATIONS: Expert Member and Chairman of Visiting Team constituted by National Board of Accreditation, MOE, Govt. of India, Doctoral Committee Member of M.S and Ph.D Scholars of various Universities, Consultant to USAID.

DISTINGUISHED VISITING PROFESSOR

Visited as Distinguished Visiting Professor, University of Mascareignes, Mauritius from 09th to 27th February 2020.

EXPERIENCE IN IQAC, ACCREDITATION, RANKING

- As Expert Member and Chairman of Visiting Team constituted by NBA, visited more than 25 Institutions for granting Accreditation Status.
- Conduced Faculty Development Programs in the areas of NAAC/NBA Accreditation, National/International Ranking Framework, Leadership for Academicians of Higher Educational Institutions for Vice Chancellors (Afghanistan), Directors, Deans, Principals, HODs and Senior Faculty.
- Involved in AICTE Approval Process, Affiliation with Universities and developing DPR for Deemed University status for NITTTR Chennai

UNIVERSITIES VISITED ABROAD: Technical University, Fontys PTH Eindhoven, The Netherlands; Delft University, The Netherlands, University Sains, Malaysia; Ohio State University, Columbus, USA, Nanyang Technological University, Singapore, University of Ottawa, Dalhousie University, Canada, University of Mascareignes, Mauritius .

COUNTRIES VISITED: USA, Canada, The Netherlands, Germany, France, Belgium, Singapore, Malaysia, China and Mauritius.
